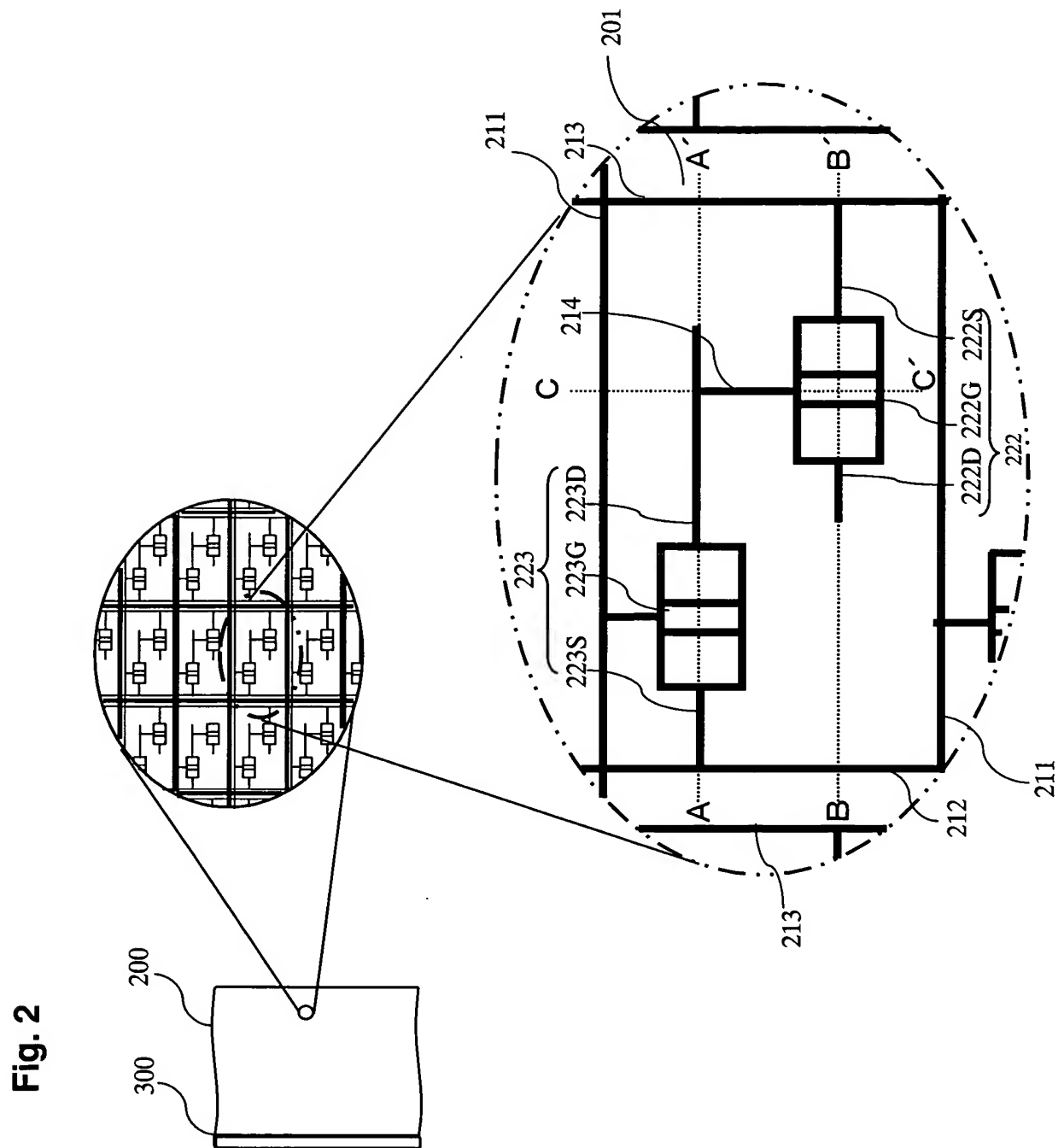
**Fig.1**



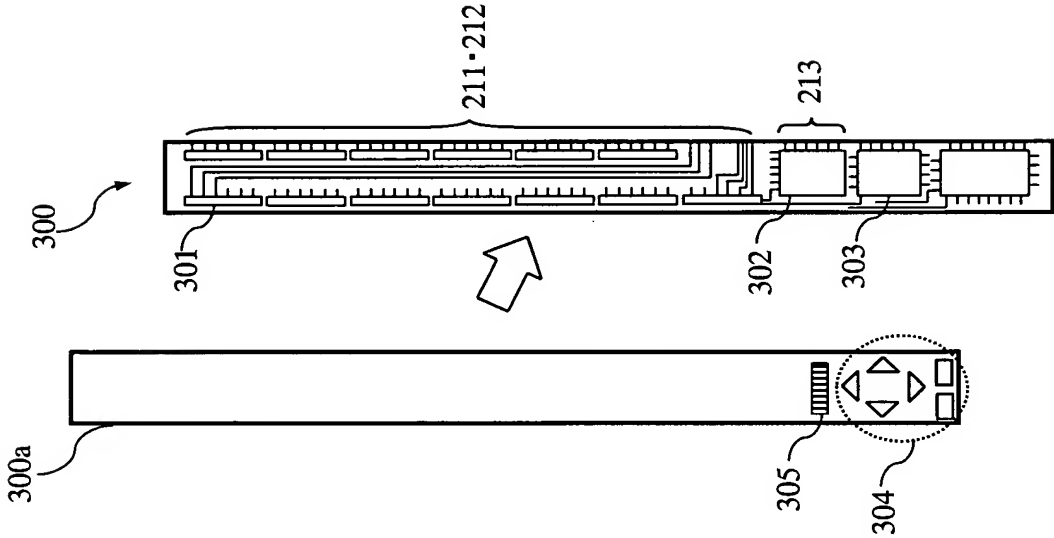


Fig. 3

Fig. 4

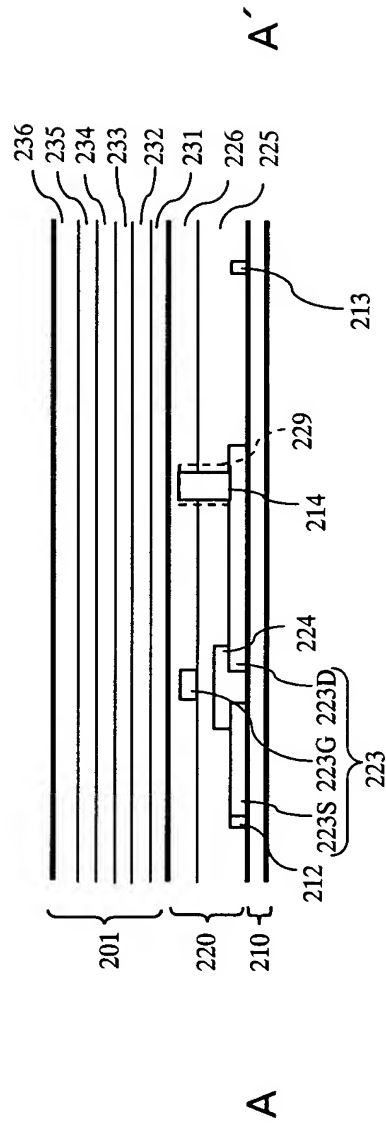


Fig. 5

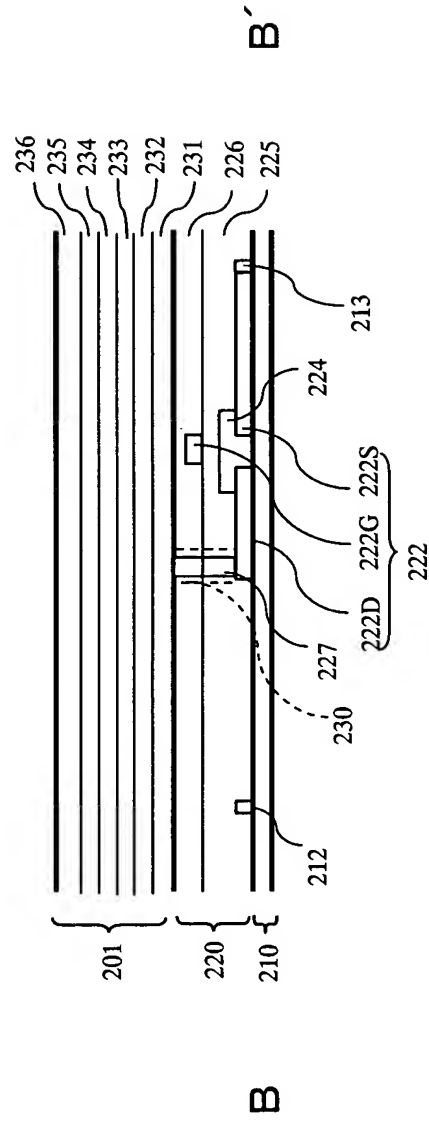


Fig. 6

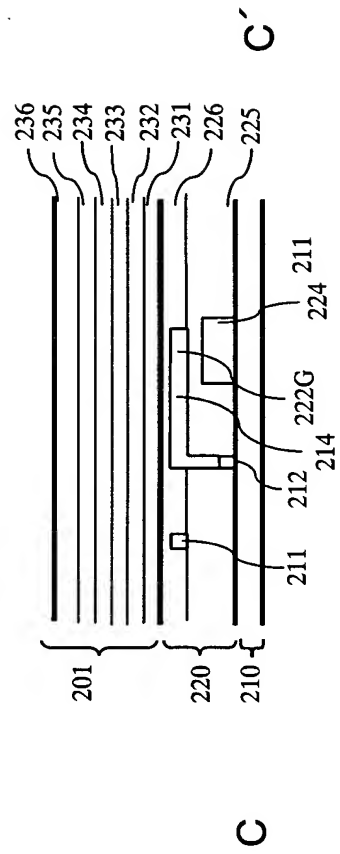


Fig. 7

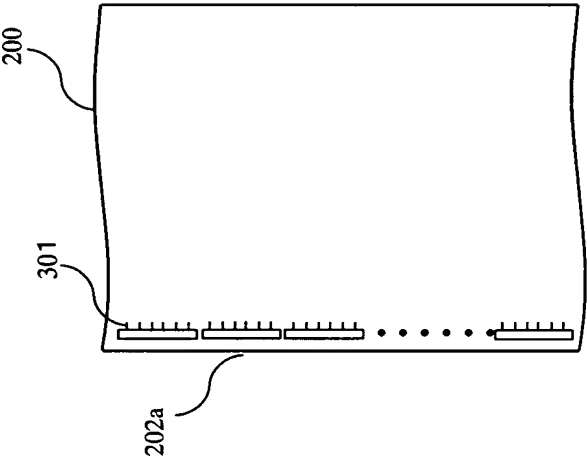


Fig. 8

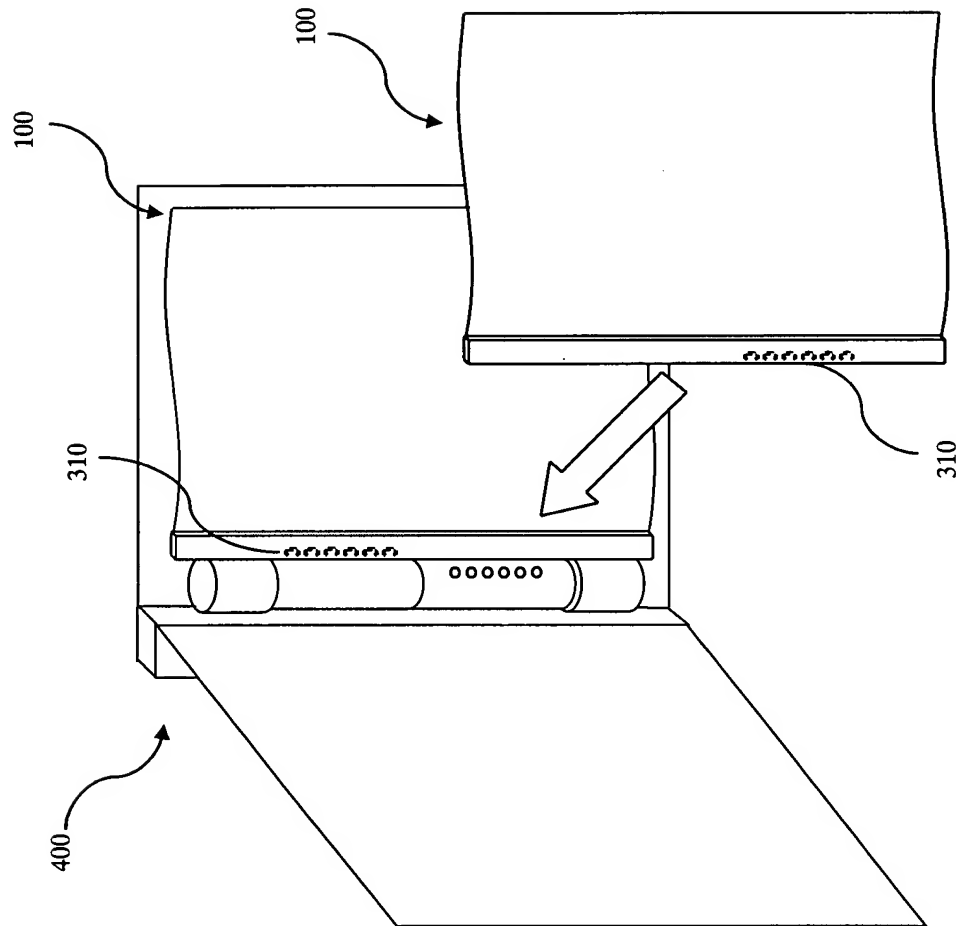


Fig. 9

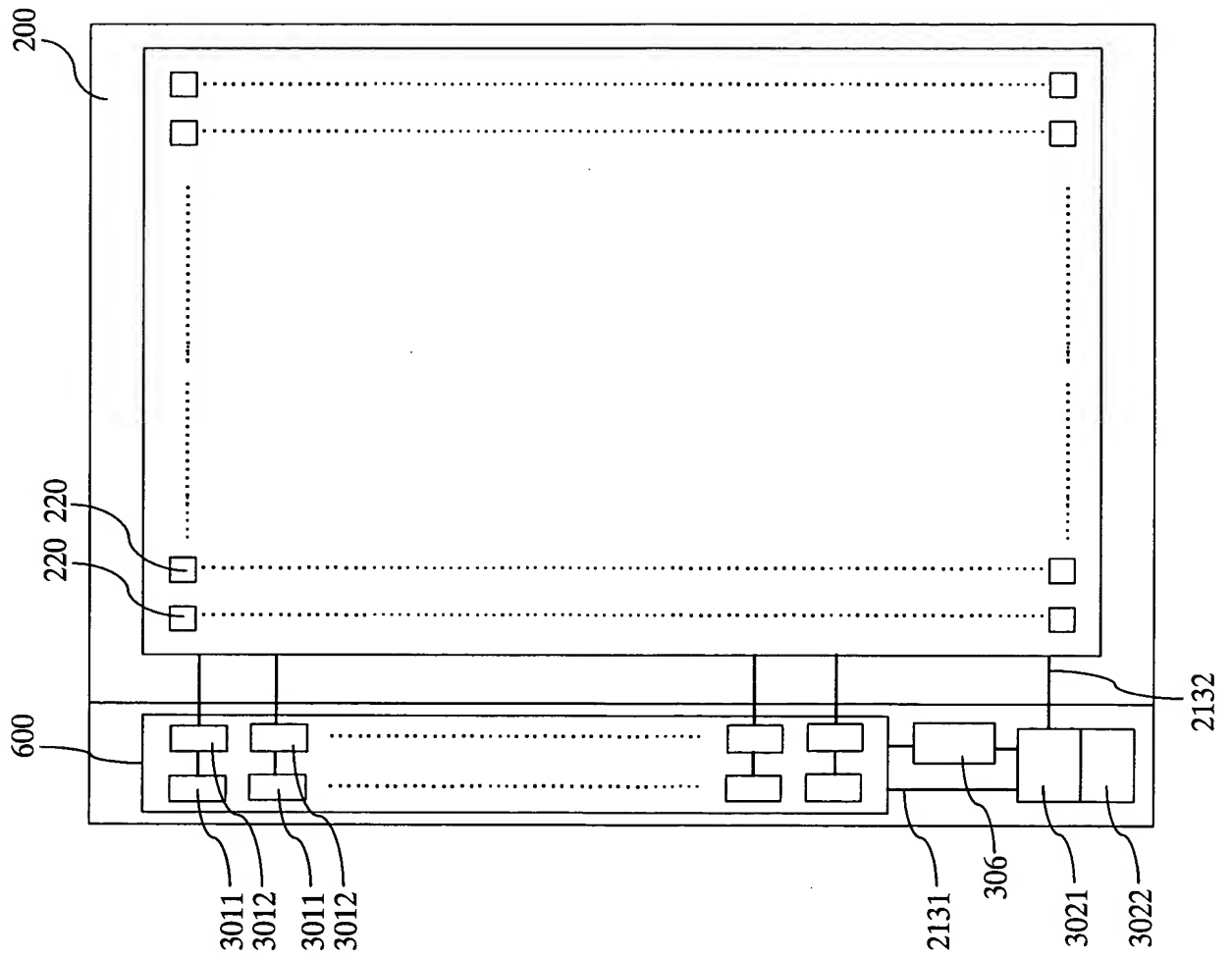


Fig. 10

| NO. | NUMBER OF PIXELS (LINE x LOW) | FRAME RATE | PROCESSING TIME PER ADDRESS | SWITCHING TIME OF SWITCHING UNIT (OPERATING FREQUENCY) | DATA SETTING TIME IN DATA SETTING UNIT | NUMBER OF SHIFTS (FREQUENCY) OF DATA SETTING UNIT | PROCESSING TIME PER PHASE OF SHIFT REGISTER (OPERATING FREQUENCY) |
|-----|-------------------------------------|---------------|-----------------------------------|--|--|---|---|
| 1 | 1280 x 576 | 70 fps | 833.3 μ s AND MORE | 22 μ s Typ. (45 kHz Typ.) | 811.3 μ s OR LESS | 1280/16=80 | 0.0634 μ s OR LESS (15.77MHz AND MORE) |
| 2 | 3840 x 1024 | 70 fps | 833.3 μ s AND MORE | 22 μ s Typ. (45 kHz Typ.) | 811.3 μ s OR LESS | 3840/16=240 | 0.0211 μ s OR LESS (47.4MHz AND MORE) |
| 3 | 3840 x 1024 | 50 fps | 1.167ms AND MORE | 22 μ s Typ. (45 kHz Typ.) | 1.145ms OR LESS | 3840/16=240 | 0.0298 μ s OR LESS (33.56MHz AND MORE) |
| 4 | 320 x 240 | 70 fps | 833.3 μ s AND MORE | 22 μ s Typ. (45 kHz Typ.) | 811.3 μ s OR LESS | 320/16=20 | 0.253 μ s OR LESS (3.95MHz AND MORE) |
| 5 | 3840 x 1024 | 70 fps | 833.3 μ s AND MORE | 10 μ s Typ. (100 kHz Typ.) | 823.3 μ s OR LESS | 3840/16=240 | 0.0643 μ s OR LESS (15.55MHz AND MORE) |
| 6 | 1280 x 576 | 70 fps | 833.3 μ s AND MORE | 22 μ s Typ. (45 kHz Typ.) | 811.3 μ s OR LESS | 1280/32=40 | 0.0634 μ s OR LESS (15.77MHz AND MORE) |
| 7 | 3840 x 1024 | 70 fps | 833.3 μ s AND MORE | 22 μ s Typ. (45 kHz Typ.) | 811.3 μ s OR LESS | 3840/32=120 | 0.0211 μ s OR LESS (47.4MHz AND MORE) |
| 8 | 3840 x 1024 | 50 fps | 1.167ms AND MORE | 22 μ s Typ. (45 kHz Typ.) | 1.145ms OR LESS | 3840/32=120 | 0.0298 μ s OR LESS (33.56MHz AND MORE) |
| 9 | 320 x 240 | 70 fps | 833.3 μ s AND MORE | 22 μ s Typ. (45 kHz Typ.) | 811.3 μ s OR LESS | 320/32=10 | 0.253 μ s OR LESS (3.95MHz AND MORE) |
| 10 | 3840 x 1024 | 70 fps | 833.3 μ s AND MORE | 10 μ s Typ. (100 kHz Typ.) | 823.3 μ s OR LESS | 3840/32=120 | 0.0643 μ s OR LESS (15.55MHz AND MORE) |

Fig. 11

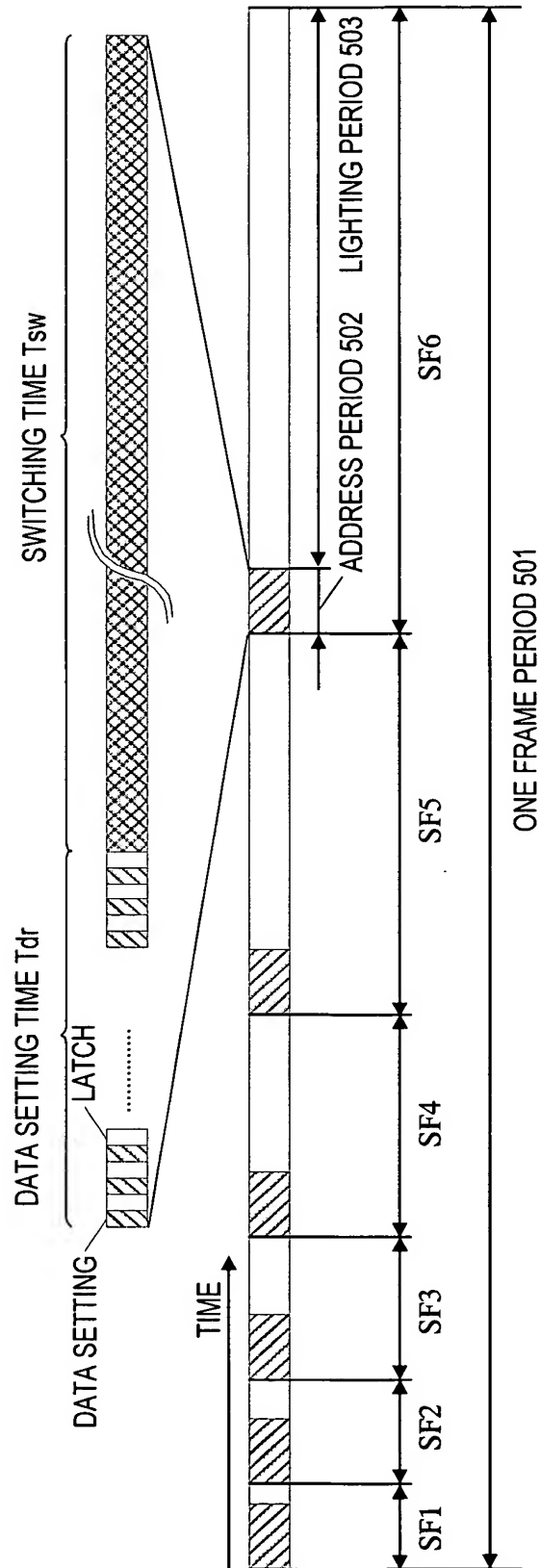


Fig. 12

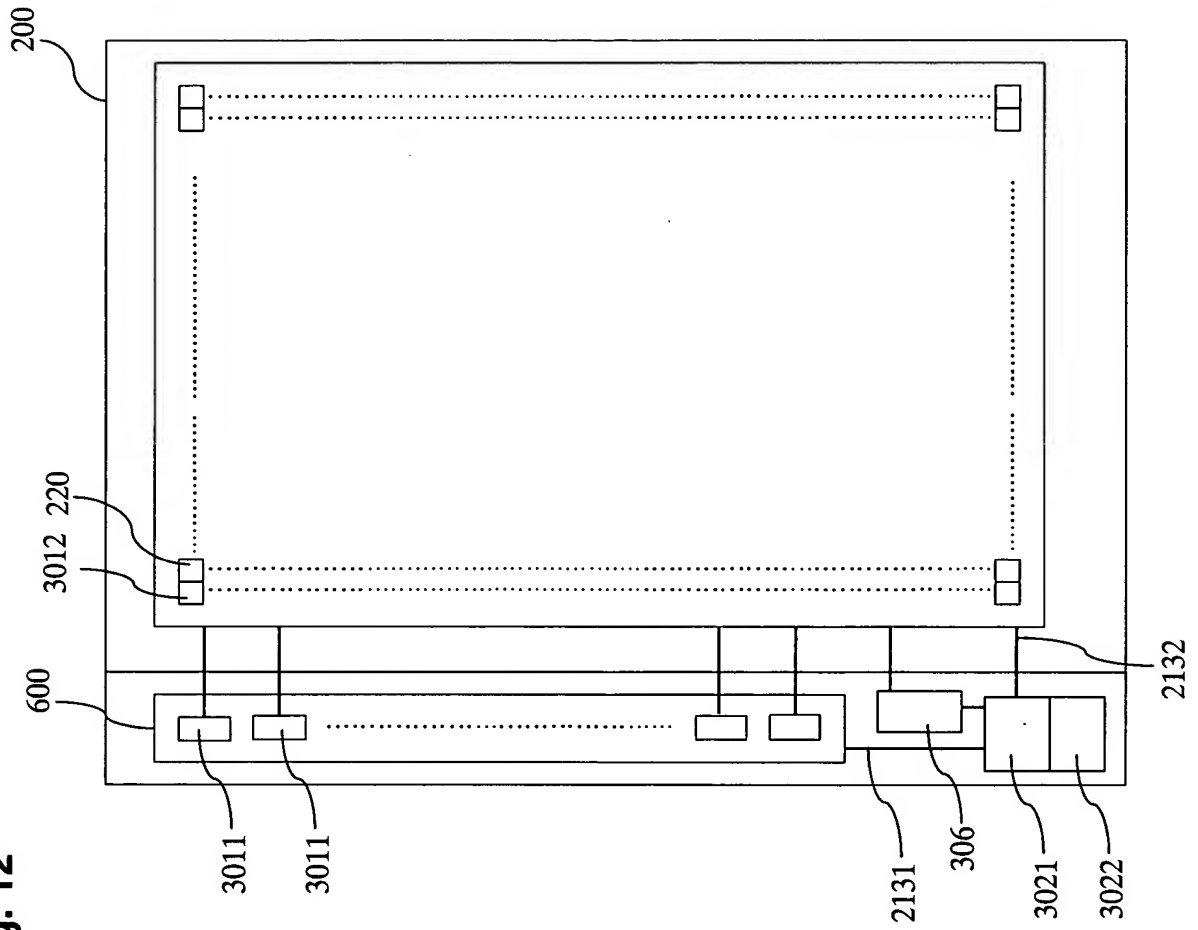


Fig. 13

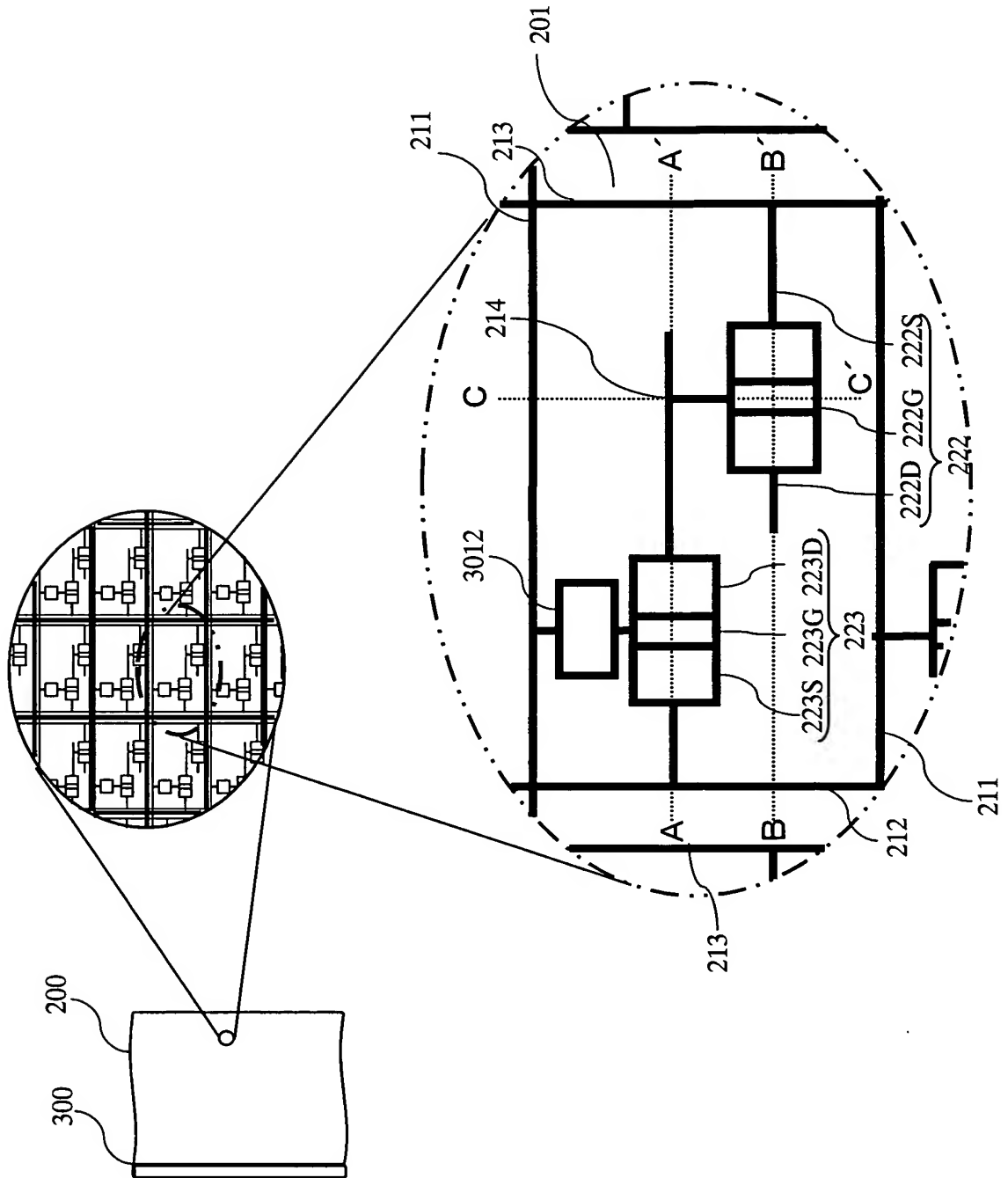


Fig.14

